

PRODUCT SPECIFICATIONS

Product: Peroxidase-conjugated Streptavidin

Code Number: 016-030-084

Lot Number: 68522

Physical State: Freeze-dried powder

Size: 1.0 mg

Streptavidin Concentration: 1.0 mg/ml

Suggested Concentration Range: 0.01 - 0.1 µg/ml for Western blotting with ECL substrates
1 - 2 µg/ml for ELISA, immunohistochemistry, and Western blotting with chromogenic substrates

Buffer: 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6

Stabilizer: 15 mg/ml Bovine Serum Albumin (IgG-Free, Protease-Free)

Preservative: None (**Warning: Use of sodium azide as a preservative will substantially inhibit the enzyme activity of horseradish peroxidase.**)

Note: Due to tightened regulations in many countries and states, thimerosal, a mercury containing preservative, will no longer be included in our products. Please follow our recommendation for storage to avoid microbial contamination.

Reconstitution and Storage: Store freeze-dried product at 2-8°C until reconstitution. When ready to use, reconstitute with 1.0 ml d. water. Centrifuge product if the solution is not clear after reconstitution. To judge clarity, draw product into a clean pasteur pipette. Storing the product for more than one day at final working dilutions is not recommended. For extended storage as a liquid, add an equal volume of glycerol (ACS or better grade) for a final concentration of 50% followed by storage at -20°C. Please note that the concentration of protein and buffer salts will be one-half of the original after the addition of glycerol. Alternatively, the product may be aliquoted and frozen at -70°C or below, in the absence of glycerol. It is important to avoid repeated freezing and thawing. **Expiration date:** one year from date of reconstitution.

Country of Origin: USA

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.